

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number		Page of Pages 1 of 87		
2. Amendment/Modification Number No. 5		3. Effective Date See Block 16C		4. Requisition/Purchase Request No.		5. Solicitation Caption: Reconstruction of Kenilworth Ave. Bridge	
6. Issued By: Department of Transportation Construction Contract Branch 2000 14th Street, N.W. 6th Floor Washington, D.C. 20009			7. Administered By (If other than line 6) Procurement Support Branch 2000 14th Street, N.W. 3rd Floor Bid Room Washington, D.C. 20009				
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)			(X) 9A. Amendment of Solicitation No. POKA-2004-B-0020-CB				
			9B. Dated (See Item 11) 1/3/2006				
			10A. Modification of Contract/Order No.				
			10B. Dated (See Item 13)				
Code		Facility					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
X The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>2</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting and Appropriation Data (If Required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14							
A. This change order is issued pursuant to: (Specify Authority)							
The changes set forth in Item 14 are made in the contract/order no. in item 10A.							
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.							
C. This supplemental agreement is entered into pursuant to authority of:							
D. Other (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>2</u> copies to the issuing office.							
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.) The purpose of this Amendment is to informed interested prospective vendors of the following changes: INSERT LETTER FROM "DEPARTMENT OF THE ARMY" DATED 03/20/04 - (17 PAGES) INSERT LETTER FROM "UNITED STATES DEPARTMENT OF THE INTERIOR" DATED 07/22/04 - (12 PAGES) <p style="text-align: center;"><u>"BID FORMS AND PROPOSALS"</u></p> DELETE IN ITS ENTIRETY PAY ITEM SCHEDULE PAGES 1THROUGH 29 AND REPLACE WITH "PAY ITEM SCHEDULE" PAGES 1 THROUGH 33. <p style="text-align: center;"><u>"SPECIFICATIONS"</u></p> SEE ATTACHMENT FOR SECTION 703.06(E), ACCEPTANCE, SECTION 401- PLANT MIX PAVEMENTS AND SECTION 608.01 - STANDARD DRAWING - SIDEWALK WITH TREE SPACE . <p style="text-align: center;"><u>"CONTRACT PLANS"</u></p> SEE ATTACHMENT FOR CONTRACT PLANS, ALSO DWG. #C1185-DWG06, DWG. #TSG00051 - (PAGES 1-5), TYPICAL LIMITS OF STRUCTURE EXCAVATION, DWG. NOS. 202.01, 202.02 &, 202.03 AND SUMMARY OF QUANTITIES SHEET. <p style="text-align: center;"><u>"PRE-BID CONFERENCE" - 07/19/06</u></p> <p style="text-align: center;"><u>QUESTIONS & RESPONSES</u></p> SEE ATTACHMENT FOR QUESTIONS & RESPONSES (THIRTEEN (13) PAGES. NO ADDITIONAL QUESTIONS WILL BE ACCEPTED PER ISSUANCE OF THIS AMENDMENT.							
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect							
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer Jerry M. Carter				
15B. Name of Contractor		15C. Date Signed		16B. District of Columbia		16C. Date Signed	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

SPECIFICATIONS

STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES **2005**

Section 703.06 (E) - ACCEPTANCE, Page 560

REPLACE: Paragraph in its entirety with the following:

If concrete fails to provide the designated concrete strength, the Chief Engineer shall make a determination of acceptance, rejection or acceptance at a reduced price.

Section 401. PLANT MIX PAVEMENTS

ADD: the following to Section 401:

PRICE ADJUSTMENT FOR ASPHALT BINDER

An adjustment will be made to the final contract unit price of Hot Mix Asphalt if the price of the asphalt binder fluctuates significantly as quoted in the contract documents at the time of bid. The contract unit price will be adjusted for percentage of fluctuates above or below five percent (5 %) of the asphalt binder per a ton.

For the purpose of making these calculations, a monthly price index will be maintained by the Department, Office of Chief Engineer (OCE). This index will be the average F.O.B. selling price of the various asphalt binders at the supplier's terminal.

The adjusted contract unit price of hot mix asphalt will be computed monthly by using the following formula:

$$F = (PP - PB) / PB \times 100$$

Where F = percent price increase/decrease of asphalt binder

PP = index price of asphalt binder at placement date.

PB = prevailing index price of asphalt binder as specified at the time of bid

Adjusted contract unit Price due contractor when the price of asphalt binder increases:

$$A = B + (D \times T \times PB)$$

Adjusted contract unit price due contractor when the unit price of asphalt binder decreased

$$A = B - (D \times T \times PB)$$

Where

A = adjusted contract unit price of per ton of hot mix asphalt

B = Contract unit price per ton of hot mix asphalt

D = differential percentage expressed as a decimal

T = design target asphalt express as a decimal.

PB= prevailing index price of asphalt binder per ton as specified in the Invitation for Bid

608.01 Standard Drawing. Sidewalk with Tree Space.

ADD: Modify section 608.01 as follows:

The drawing is hereby amended to show transverse contraction joints at 12' and the joint to be cut at 1/3 of the depth of the Sidewalk.

CONTRACT PLANS

DELETE: Drawing No. S-552-J Sheet 7 of 7, "SUMMARY OF QUANTITIES" from Traffic Signal drawings.

DELETE: Sheet No. 4A "SUMMARY OF QUANTITIES" and replaced with revised Sheet 4A-R.

PLEASE NOTE: An electronic copy of the letters from United States Department of the Army and United States Department of the Interior, and the Drawings and Plans are not available. [These copies can be picked up from the Office of Contracting and Procurement Bid Room, 2000 14th Street, NW, 3rd Floor, Washington, DC 20009.](#)

PRE-BID CONFERENCE
07/19/06
QUESTIONS & RESPONSES

Question # 1

There apparently are no specifications or bid items for the Traffic Signal Work shown on drawings S-1288-B (3 shts) and on S-552-F, S-552-G, S-552-H, S-552-I, plus S-552-J (7 shts). Should there bid items for this work?

Response # 1

Please replace Sheet 4A with attached revised sheet 4A-R and add attached tables, sheets 28A through 28D to Bid Form after page 28.

Question # 2

Bid Item 2040 (Payment To PEPCO for Service Connections) is listed as "Lump Sum". Isn't the normal practice to set a value for all contractors to use for PEPCO charges?

Response # 2

Yes. The Lump Sum amount for Bid Line No. 2040 (item no. 618 999) is \$35,000.

Question # 3

The Overhead Sign Structures Plan and Specification indicate an old outdated method of lighting the signs. The lights are mounted on Luminaire Supports and the service requires dangerous and costly lane closures while creating unnecessary congestion when maintaining the lighting fixtures. Several years ago on the Rehabilitation of the Southeast Freeway Project, DDOT chose to use the Lumi Trak Lighting System that allows the lights to be brought to the shoulder of the road for servicing thus eliminating the need for unnecessary lane closures. Maryland and Virginia, along with many other states, use Lumi Trak Systems and have found this to be a safe, practical, and economical alternative to costly and dangerous lane closures associated with maintaining overhead signing installations. In fact, Maryland & Virginia have calculated the cost-benefit and concluded that after approximately 2 maintenance trips; the Lumi Trak System costs are recovered.

Please consider the addition of sign lighting systems to the referenced project.

Response # 3

Based on design decision Lumi-Trak will not be part of this project.

Question # 4

Page 10 of the Special Provisions describes the Mandatory Partnering Plan that will be used on this project. It further states that the Contractor will be

responsible for half of the cost of these sessions. Please tell us what the anticipated cost will be for this Partnering. Shouldn't half of this cost be posted by D/DOT as a fixed price pay item (similar to the Pepco cost item) so all bidders will be treated the same and payments issued with proof of payments to the designated third party?

Response # 4

Yes. The Lump Sum amount for Bid Line No. 0020 (item no. 000 511) is \$50,000.

Question # 5

Is it really your intent to not include the possibility of Winter Partial Suspensions in the scheduling of this project? Some of the very last phases of this project will be installation of asphalt and this cannot be done in the winter months.

Response # 5

Yes. Follow the requirements of SP. #17.

Question # 6

SP47 Demolition, Item 205 009 - Paragraph 3.

The SP states that "the existing beams contain lead paint and must be removed in accordance with applicable codes. Does this mean the steel beams must be removed by code or does it mean the lead paint must be removed prior to delivery to a D/DOT storage Site? If the latter is the case, a new item should be created for the cleaning and repainting (priming) of the cleaned steel because these members will need at least a primer coat before storage.

Response # 6

On SP 31, SALVAGED MATERIALS, delete the following paragraph (2nd paragraph):

"Existing stone work from abutments and retaining walls, and existing structural steel (superstructure and temporary supports after removal of lead paint) shall be delivered by the Contractor to a designated DDOT storage facility."

On SP 47, "Demolition, item 205 009" - Section A-3 shall be deleted and replaced with following:

"Removal of steel superstructure as shown on the Contract Plans and existing temporary supports. The Contractor is warned that the existing beams contain lead paint and must be disposed in accordance with applicable codes."

Question # 7

Will the designated storage spot for all of this structural steel be in the District of Columbia?

Response # 7

See response to no. 6.

Question # 8

SP47 Demolition. Item 205 009 - Paragraph 5

The removal and salvaging of the existing stone facing on walls to be demolished under this contract is such a gigantic task it should have a pay item of its own. This is the only way bidders can be assured that ALL bidders are including this task as part of their work. This will also require an estimated quantity. I offer my opinion that the cost of salvaging this stone will be far greater than the value of the stored stone.

Response # 8

On SP 47, "Demolition, item 205 009" - Section A-5 shall be deleted and replaced with the following:

"Removal of stone facing on abutments and retaining walls as shown on the Contract Plans."

Question # 9

We cannot find any specifications regarding the type of planting soil mixes or other landscaping items. It also appears the size and thickness of the steel landscape edging is not shown on the plans.

Response # 9

The DC DOT Specifications for landscaping in Division 600 under section: 611.02 PLANTS AND PLANTING specify the material in: (B) MATERIALS, and the planting soil mix in: (5) PLANTING SOIL MIX.

"Mix shall be 5 parts top-soil per 823.01 by volume thoroughly mixed with 4 pounds of granular 5-10-10 fertilizer with trace elements such as iron, manganese, boron, zinc, molybdenum, and copper added per cubic yard of mix. Ingredients shall be delivered separately and thoroughly mixed before use. Thoroughly composted and processed leaf mold organic matter may be added, if available, and approved by the Chief Engineer/Arborist."

The depth and areas adjacent to the plants of the planting soil mix around trees, shrubs and ground covers shall be as indicated in the planting details on the plan sheets and in accordance with the specifications in Division 600 under section: 611.02 PLANTS AND PLANTING, specify the preparation and planting of plants under section: (C) CONSTRUCTION REQUIREMENTS and the preparation of beds for planting of materials in: (6) PLANT PIT AND BED EXCAVATION.

Note that the plant bed preparation of the median in Kenilworth Avenue and the planting of the shrubs in mass shall be created as a continuous bed with the area to be prepared in accordance with the specifications and the entire bed areas shall be mulched including trees planting within the shrub, ground cover or ornamental grass planting bed areas. Shrubs, ground covers and ornamental grass

planting areas shall be planted to create groups within a mulched bed without lawn grasses between individual plants.

No planting bed landscape edging restraint material is indicated on the landscape plans however, all planting beds adjacent to lawn areas shall have a steel edging. Steel edging shall be standard commercial-steel edging, rolled edge, fabricated in sections of standard lengths, with loops stamped from or welded to face of sections to receive stakes. Steel edging shall be 3/16 inches wide by 4 inches deep as manufactured by: Border Concepts, Inc., Collier Metal Specialties, Inc., Russell, J. D. Company (The), Sure-Loc Edging Corporation, or approved equal. Edging shall be a standard paint finish green in color. Edging shall stake into the ground with tapered steel stakes, a minimum of 12 inches long as recommended by manufacturer.

Tree protection materials are covered in the standard specifications under section: 107.12 TREE PROTECTION AND REPLACEMENT.

Tree staking shall be in accordance with section: 611.02 PLANTS AND PLANTING, Guys material shall be "Chain loc", 1/2" Wide high-density polyethylene locking chain, Prolock by Dimex, Chainlock R11G 3100 by Rainbow Garden Products, Inc., or approved equal.

Question # 10

Are the Pepco Fees required for the replacement of the series circuit to be included in the standard, contract Pepco pay item (618 999) or are they to be part of the lump sum item (618 899)?

Response # 10

Yes, it is included in the Pepco pay item # 618 999. The Lump Sum amount for Bid Line No. 2040 (item no. 618 999) is \$35,000.

Question # 11

Appendix D - Scope of Work - The proposed manholes are described as 5' X 5' X 5'. Is this the inside or outside dimension for these manholes?

Response # 11

The 5' X 5' X 5" is the outside dimension

Question # 12

A new style light fixture is specified for the median of Kenilworth. These fixtures send a large amount of light out in a horizontal direction. In the median from Foote to Hayes and Lane to Eastern these new lights are to be installed in the existing median barrier. Are we to utilize the existing foundations and associated conduits (i.e. The spacing of the existing lights) or will the spacing be governed by computing the photometric

values of the new fixtures, therefore requiring the modification of the existing barrier at all effected locations?

Responses # 12

Yes, we are utilizing the existing foundation and the associated conduits. Conduit will be rod clean as called for in the design-build series circuit replacement. Design will include the method to replace any damaged foundation and anchor bolt that cannot be reused in the existing parapet wall and the method of how to repair any damaged conduit that can not be rod cleaned.

Question # 13

Aluminum Oct. Poles are specified with a vibration damper in the pole. Is there a fabreeka pad required at the base of the poles? The pole also indicates a 4" x 7" Hand Hole in the pole. Is it your intention to have this handhole when the pole is mounted on a Transformer Base which is normally the access to the wiring?

Response # 13

Any pole vibration damper is acceptable. Actual approval will be thru shop drawing process. The hand hole will not be required on pole mounted on Transformer base. Any pole mounted on the parapet wall without Transformer base will require the hand holes for wiring access.

Question # 14.

These poles are mounted on Aluminum Transformer Bases. Aluminum Transformer Bases are normally used in Breakaway applications. DDOT has traditionally used Steel Transformer Bases under poles so that the poles do not break away. Are these intended to be Aluminum?

Response # 14

Yes. DDOT standard and required pole base are as shown on the drawing.

Question # 15

There are three (3) Steel Oct. Poles on the project. The rest are Aluminum. Are these intended to be Steel and are they to be on Steel Transformer Bases?

Response # 15

Yes, provide steel transformer base with the steel pole. That's what specification call for Section A; Pole and Light Fixture assembly - Sub-Section 2. The Aluminum poles will be on Aluminum transformer base.

Question # 16

The specification calls for 8' Truss Style Arms. The drawing detail does not indicate truss arms. Lately, DDOT has used a Decorative Upsweep Arm when a Teardrop Luminaire is used to promote a more upscale decorative look that the City is moving to. Is it the intention of the City to use this type of arm on this project? Also, a decorative wrap has been

used in certain locations throughout the city recently. This wrap surrounds the pole and part of the lighting arm at the point of attachment. Is it DDOT's intent to use this on the project as well?

Response # 16

The lighting arm shall be 'DC Signature Decorative Type'. This upsweep arm will be made of aluminum (meeting the requirements of 6063-T6), or steel (meeting ASTM A53). The arm shall have the desired rise from the mounting bracket on the post. The arm shall be welded to a cast simplex mounting bracket/plate, for attachment to the post. The finish is to be Powder Coat DC Gray to Federal Color #16099, or Black to Federal Color # 27038. The color depends on the type of roadway and will be directed by DDOT.

Drawing is attached

Question # 17

The underpass Luminaire indicates some sort of mounting bracket on the plans. Is there a Decorative component or a specific look to this arm?

Response # 17

Actual arm approval will be thru shop drawing process. Standard manufacturer arms shall be acceptable.

Question # 18

References to the manufacturer on the Poles, Arms, & Luminaires in the specs refer to Union Metal & Hadco. The references on the Typical Light Standard Detail drawings refer to Holophane. Is there a reason for this?

Response # 18

No particular reason. Any manufacturer who meets the requirement will be acceptable.

Question # 19

Special Provisions page 36 # 50 Street Car Track Excavation-States payment by the linear foot---bid forms indicate cubic yard for payment-which is correct?

Response # 19

Linear foot is correct.

Question # 20

Special Provisions page 126-Vertical Propeller Pumps---references Appendix "E". This is for pay item 300 004 with a quantity of 4 each however there are two different pump sizes listed in Appendix "E" Model 16DH-30-6 which is 30 HP and Model 20DH-75-8 which is 75 HP-since there is probably a big difference in cost---how many pumps of each size are required? Also, where is the Hydraulic Screen paid for?

Response # 20

Contractor is required to provide two (2) each of Model 16DH-30-6, 30 HP and two (2) each of Model 20DH-75-8, 75 HP.

Specifications for Vertical Propeller Pumps – Appendix E is Modified as follow:

Delete Paragraph one (1) of Scope of Work and replace with the following:

The Contractor shall coordinate the delivery of the four (4) pumps with the DDOT's Resident Engineer. The four (4) pumps shall be delivered to the Deane Avenue Pump Station, which is located on Kenilworth Avenue South of the intersection with Deane Avenue.

Modify paragraph two (2) of the Product Lubricated – Oil Lubricated Lineshaft Models as follow:

All pumps specified in this section shall be furnished by a single manufacturer. The pumps shall be as manufactured by the Flowserve Company or by another manufacturer that can provide the equivalent pumps.

Question # 21

Special Provisions page 68---63 C. payment to repair damaged major traffic control devices pay item 616 150 is not included in the bid forms. Will this item be added?

Response # 21

The item 616 150 for Repair of Damaged Major Traffic Control Devices has been added to the Summary of Quantities sheet 4A-R and to the Bid Form table. The unit for this item is Lump Sum.

Question # 22

We have had some experience with constructing the type of integral abutment design you show on Bridge 19 on other DOT projects. Vertical cracks developed in the concrete between the main structural steel members before traffic was allowed on the bridges. The cracks developed because of the stresses that were introduced to the concrete due to the thermal expansion and contraction of the steel, and the inability of the abutment and the approach slab to move enough to compensate for this expansion. Whoever the successful contractor is for this project should not be held accountable for the crack development that we believe will occur due to the aforementioned design problem.

Response # 22

The integral abutment details are based on other DOT latest standard, which we have been using for other DOT projects, and we did not have any problem.

Question # 23

Please refer to bid item 100 "TRACK REMOVAL." Is backfill incidental to this item or will it be paid under the "BORROW TRENCH

BACKFILL" item? Is the concrete bulkhead incidental, or will it be paid under the "PCC CUTOFF WALL" item?

Response # 23

Backfilling and bulkhead are included in the price bid for this item, see page 36, section A. General

Question # 24

Is there any seasonal work restrictions involved in work in and around the Watts Branch?

Response # 24

Contractor is required to coordinate his/her work with various Government agencies, and other DDOT work within the area.

Question # 25

Will you provide us with a name and telephone/e-mail contact at Design and Engineering so that we can request and obtain copies of the bridge as-built drawings?

Response # 25

Contractor may obtain Copies of Bridge As-Built drawings by contacting Ali Shakeri, Program Manager, Team 4 - Wards 7 and 8 at 202-671-4615 or 202-671-4612.

Question # 26

Please refer to the Appendix to Specifications for Work on National Park Service Lands (NPS). On page 3 of this Appendix it reads, "The contractor shall adhere to all requirements of this section, as well as the requirements for the actual permit issued for work under this contract by the NPS to the DDOT (emphasis mine). The stipulations for working on NPS lands as stated in this section comprise a partial list only. The actual permit may contain additional requirements not specified herein (emphasis mine)." The actual permit does not appear in this document. Could you provide us with a copy of this permit?

Response # 26

Copies of NPS and U.S. Army Corps of Engineers Permits for this contract are attached to this addendum and are made part of this contract. DDOT has applied for the renewal of any expired permit.

Question # 27

The volatility in the material commodity markets has made it necessary for most owners (FHWA, VDOT, MDSHA, etc.) to include escalation provisions in their contracts for steel, liquid asphalt, and even cement where applicable. Will price protection be provided in this contract for these basic commodities?

Response # 27

Price Escalation has been provided for Asphalt Binder under this addendum. Refer to Section 401 of the Specifications. No escalation is required for steel and cement.

Question # 28

Due to the volatile nature of Washington, DC area traffic, we believe a contingent bid item for nonscheduled moves of the movable concrete barriers would be appropriate to add to the contract. Would the DDOT consider adding such an item?

Response # 28

This requirement is part of SP # 63, D3.

Question # 29

Would the DDOT accept an electronically produced (either by Microsoft Excel or our Estimating software) bid form? The current form appears to be very similar in content and look to the VDOT schedule of items, and we could manually create a very similar document.

Response # 29

Use the document provided by DDOT.

Question # 30

Will specifications for landscaping be issued?

Response # 30

All comply with DDOT Standard Specification. Refer to DDOT response # 9.

Question # 31

What is the specification for "planting soil mix"?

Response# 31

Refer to DDOT response # 9.

Question # 32

What is the specification for "steel edging"?

Response #32

Refer to DDOT response #9.

Question # 33

Plans Sheet 6 - Kenilworth Ave. Proposed Typical Section 117+50 to 121+00 is in conflict with Kenilworth Ave. Proposed Typical Section 116+00 to 121+65.

Response # 33

The typical section stationing overlap in the station range stated indicates that the median section changes at Sta 117+50 to require the Stone Faced Barrier on the Northbound side of the median.

Question # 34

Plans Sheet 8 - Typical Section 134+00 to 138+50, shoulder width (varies 50' to 0') in conflict with road width (varies 48' to 36')

Response #34

The dimensions shown as 50'-1" to 0' are to indicate the width of the widening, not the shoulder width. The dimension of the roadway (48' to 36') is in error. The dimensions should be 58' to 36'. The location of the PCC barrier should also be indicated from the center of the barrier to the baseline of Kenilworth Ave should vary from 6'-11" to 0.

Question # 35

Specification - Coulomb values for super and sub-structure concrete at maximum of 2,000, is it correct?

Response # 35

Yes, follow the requirements of SP # 35.

Question # 36

SP 44 - States water from dewatering can be discharged into Watts Branch after treatment. SP 45 states no water removed from dewatering shall be discharged into Watts Branch. Which one is correct?

Response # 36

SP 44 is correct. Under SP 45 Section 'A', delete the second paragraph.

Question # 37

Is excavation behind the abutments considered structural excavation?

Response # 37

See DDOT Standard drawings 202.01 through 202.0,3 and attached limits of structural excavation drawing for details.

Question # 38

The Unit for abandoning basin connecting pipes is Each or Linear Feet?

Response # 38

Each.

Question # 39

Type of material for temporary fence, chain link or plastic?

Response # 39

Typically this is a 4' minimum height orange polyethylene web safety fencing used to keep pedestrians and clear of the work zone.

Question # 40

Sheet 60 - Does the price for Stone Face PCC Barrier include concrete footing and stem?

Response # 40

The price for Stone Faced PCC Barrier includes the concrete footing, stem, PCC cap and all reinforcing.

Question # 41

SP 64 - Stone Face PCC Barrier refers to SP for Item 708 003, Stone.
Does this mean that Stone Facing for this type of barrier will be paid under the stone item?

Response # 41

See SP 64 "Measure and Payment".

Question # 42

What is the difference between Line Item 1440 and Line Item 2210? The descriptions of both items are the same" Stone Face PCC Barrier on Bridge and Approaches."

Response # 42

It is the same.

Question # 43

How is the stone gravity wall for Art Work (Plans Sheets 280 and 282) paid?

Response # 43

Under item 708 004, Line No. 2500.

Question # 44

Concrete and rebars for art structures columns and foundations and also concrete base for pavers and mosaic art works, what is the line item and method of payment?

Response # 44

Concrete for columns included with item 703 006, and concrete for foundation and concrete base included with item 703 002. Rebar included with item 704 002.

Question # 45

Sheet 264 - Pedestrian Railing is shown on sidewalk side of Bridge 48.
What is the pay item for this work?

Response # 45

The item number is 709 005 and the unit will be LF; the quantity will be 100 LF. This item shall be added to Bid Form and Proposal.

Question # 46

Please provide As-Built Plan for the bridges.

Response # 46

Contractor may obtain Copies of Bridge As-Built drawings by contacting Ali Shakeri, Program Manager, Team 4 - Wards 7 and 8 at 202-671-4615 or 202-671-4612.

Question # 47

Bid Item 1350, Liriope Muscare, 8" Height, #3 Container - The #3 container, 3 gallon, size is completely incompatible with the requested

height of 8". No Liriope sold are in containers larger than 1 gallon. Most are in 1 quart of smaller container. Please clarify.

Response # 47

"LIRIOPE MUSCARI, 8" HGT, #3 CONT.": Since the #3 container size for the plan is not typically available, as listed in the bid item list and indicated on the landscape plan plant list, the size should be changed to #1 container or 1 gallon in size which should be available, as most retailers and growers provide #SP4 (1 quart) and 1 gallon sizes.

Question # 48

Bid Item 1740 to 1770 - Please state what type of Preformed Tape is to be used.

Response # 48

See DDOT Specifications Section 821.06. Note, these markings are for use on the bridge and approach slab only. Thermoplastic markings are to be used on the Asphalt pavement.

Question # 49

Plans Sheet 300 - States "Sound Barrier Wall Segment No. 1, See Sheet 319B for More Information", but there is not Sheet 319B.

Response # 49

There are no Sound Barrier Walls in this Contract, the note should be deleted.

Question # 50

Why are there two lines items for Utility Supports?
(2400 and 2440 for PEPCO, 2410 and 2460 for Washington Gas, and 2420 and 2470 for Verizon)

Response # 50

***Line no. 2400 through 2430 are Temporary Utility Supports, see SP 88.
Line no. 2440 through 2470 are permanent utility supports, see SP 89, 90, 91 and 92.***

Question # 51

For Bid Item 1890, "Art Lighting Complete System" Spec Pg 84 - 85 Measurement and Payment calls for this bid item to include panels, contactors, encased conduits, conductor cables. Panels, encased conduits and feeder cables appear to be covered under separate bid items. Could the scope for these bid items be clarified.

Response # 51

Pay item is complete package for art lights that includes everything related to art lights, including feeders.

Question # 52

There are no specifications for exposed conduits on sign structures or at underbridge lights. Do you want PVC (called for with ductbanks), Galvanized rigid steel, or PVC coated galvanized rigid steel?

Response # 52

Exposed conduit for sign structure shall be galv. Steel

Question # 53

Bid Item 1930 calls for a lump sum price for 'Design - Build Series Circuit Replacement'. The other bid items, drawings, and specifications call for removal of existing series circuit street lighting systems to be replaced by a new 120/240V single phase lighting system. What does this bid item apply to?

Response # 53

Bid item # 1930 requires the removal and replacement of existing series circuit street lighting system, and as detailed in Appendix 'D' of the contract Special Provisions.

Question # 54

Bid Item 2020 calls for 1,200 LF of 2"PVC sch 40 ducts for the Art Lights, whereas the Art Lighting Plans Drawings show 1"C, 1½"C, and 4"C PVC Ducts, but does not show any 2" Duct. There are no bid items for 1"PVC or 1½"PVC, but we have absorbed those ducts into bid item 1880. Where is the 2"PVC used with the Art Lights shown on the contract drawings?

Response # 54

All the cost related to art lights is a package pay item - individual items are not shown separately in the case of art lights.

Question # 55

Bid Item 0040 (Spec 108-004) As-Built Drawings There is no spec section 108-004 or requirements for AS-BUILT DRAWINGS in the Special Provisions or the DC DPW Standard Specification. What is needed for this bid item?

Response # 55

Please see DDOT Standard Specification Section 108.12 for details.

Question # 56

Spec Section 328-006 / 328-039 / Spec Pg 48, ELECTRIC SERVICE 'for Automatic Sprinkler System calls for conduit, wiring, junction boxes to provide circuiting to irrigation system, but there is no corresponding bid item for these spec items. Please clarify

Response # 56

For item 328 039 see Line No. 1890 in Bid Form.

SCHEDULE OF ITEMS

REVISED: 09/06/06

CONTRACT ID: KA2004B0020CB

PROJECT(S): BH-1302(033) NH-1302(034)(035)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 PRT BRDG 19-1 (HIGH)& RDWAY WORK - 80% NH-1302 (34&35)

0010	000003 Employee Training	2000.000				
		HR	.		.	
0020	000509 Unassigned Special Item -LF - ITEM	1000.000				
	202005 - STREET CAR	LF	.		.	
	TRACK REMOVAL					
0030	000511 Unassigned Special Item -LS - ITEM	LUMP	LUMP			
	000511 - PARTNERING				.	
0040	108002 Progress Photographs	LUMP	LUMP			.
0050	108004 As-Built Drawings	LUMP	LUMP			.
0060	200007 Earthwork and Excavation Special Item	7400.000				
	- LF - ITEM 206005 -	LF	.		.	
	GROUND IMPROVEMENT					
0070	200008 Earthwork and Excavation Special Item	LUMP	LUMP			
	- LS - ITEM 205009 -					.
	DEMOLITION					
0080	201002 Clear and Grub	LUMP	LUMP			.
0090	202002 Common Excavation	39250.000				
		CY	.		.	

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PROJECT(S): BH-1302(033) NH-1302(034)(035)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0100	202004 Hard Surface Pavement Excavation	10130.000 CY	.		.	
0110	204002 Embankment Fill	8500.000 CY	.		.	
0120	204004 Borrow Embankment Fill	500.000 CY	.		.	
0130	205002 Structure Excavation	8734.000 CY	.		.	
0140	205006 Cofferdams	LUMP	LUMP		.	
0150	206002 Structure Backfill	76.000 CY	.		.	
0160	206004 Borrow Structure Backfill	80.000 CY	.		.	
0170	207002 Trench Excavation and Backfill	3000.000 CY	.		.	
0180	207004 Trench Undercut Excavation	825.000 CY	.		.	
0190	207006 Gravel for Trench Undercut	825.000 CY	.		.	
0200	207008 Borrow Trench Backfill	825.000 CY	.		.	

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0210	208002 Pervious Fill	369.000				
		CY	.		.	
0220	209002 Aggregate Base Course	9800.000				
		CY	.		.	
0230	300004 Water and Sewer Service Special Item-EACH- ITEM 300004 - VERTICAL PROPELLER PUMPS	4.000				
		EACH	.		.	
0240	302002 Valve Casing	3.000				
		EACH	.		.	
0250	305002 Ductile Iron Pipe, 4 - 8 Inch	373.000				
		LF	.		.	
0260	305006 Ductile Iron Pipe, 16 Inch	365.000				
		LF	.		.	
0270	305018 Extra Fittingd - Contractor Furnished	50.000				
		LBS	.		.	
0280	306002 Gate Butterfly Valve, 3 - 12 Inch	2.000				
		EACH	.		.	
0290	307004 Relocate Fire Hydrant	5.000				
		EACH	.		.	
0300	307008 Furnish Fire Hydrant	5.000				
		EACH	.		.	

SCHEDULE OF ITEMS

CONTRACT ID: KA2004B0020CB

PROJECT(S): BH-1302(033) NH-1302(034)(035)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0310	308991 Water Service Connections Special Item -EA - ITEM 308041 - VACUUM EXTRACTION HOLE	1.000 EACH	.		.	
0320	308991 Water Service Connections Special Item -EA - ITEM 328011 - WATER METER	1.000 EACH	.		.	
0330	308991 Water Service Connections Special Item -EA - ITEM 328013 - WATER METER BOX	1.000 EACH	.		.	
0340	308991 Water Service Connections Special Item -EA - ITEM 328015 - BACKFLOW PREVENTER	1.000 EACH	.		.	
0350	308991 Water Service Connections Special Item -EA - ITEM 328017 - GENERAL DUTY VALVES	5.000 EACH	.		.	
0360	308991 Water Service Connections Special Item -EA - ITEM 328019 - AUTOMATIC CONTROL VALVE	20.000 EACH	.		.	
0370	308991 Water Service Connections Special Item -EA - ITEM 328021 - DRAIN VALVE	20.000 EACH	.		.	
0380	308991 Water Service Connections Special Item -EA - ITEM 328023 - QUICK COUPLER VALVE	20.000 EACH	.		.	

SCHEDULE OF ITEMS

CONTRACT ID: KA2004B0020CB

PROJECT(S): BH-1302(033) NH-1302(034)(035)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0390	308991 Water Service Connections Special Item -EA - ITEM 328025 - CONTROL VALVE 2"	2.000 EACH	.		.	
0400	308991 Water Service Connections Special Item -EA - ITEM 328027 - CONTROL VALVE 1 1/2"	7.000 EACH	.		.	
0410	308991 Water Service Connections Special Item -EA - ITEM 328029 - CONTROL VALVE 3/4" TO 1"	8.000 EACH	.		.	
0420	308991 Water Service Connections Special Item -EA - ITEM 328031 - PRESSURE REGULATOR	1.000 EACH	.		.	
0430	308991 Water Service Connections Special Item -EA - ITEM 328033 - SPRINKLERS - POP - UP - ROTARY	140.000 EACH	.		.	
0440	308991 Water Service Connections Special Item -EA - ITEM 328035 - SPRINKLERS - POP - UP - SPRAY	78.000 EACH	.		.	
0450	308991 Water Service Connections Special Item -EA - ITEM 328037 - AUTOMATIIC CONTROL SYSTEM	1.000 EACH	.		.	
0460	308992 Water Service Connections Pipe Special Item -LF - ITEM 328001 - WATER MAINLINE PIPING 3"	1600.000 LF	.		.	

SCHEDULE OF ITEMS

CONTRACT ID: KA2004B0020CB

PROJECT(S): BH-1302(033) NH-1302(034)(035)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0470	308992 Water Service Connections Pipe Special Item -LF - ITEM 328003 - CIRCUIT PIPING 2"	665.000 LF	.		.	
0480	308992 Water Service Connections Pipe Special Item -LF - ITEM 328005 - CIRCUIT PIPING 1 1/2"	900.000 LF	.		.	
0490	308992 Water Service Connections Pipe Special Item -LF - ITEM 328007 - CIRCUIT PIPING 1"	1285.000 LF	.		.	
0500	308992 Water Service Connections Pipe Special Item -LF - ITEM 328009 - CIRCUIT PIPING 3/4"	2575.000 LF	.		.	
0510	309002 Sewer Manhole on Sewer 48 Inch and Less Dia.	278.000 VLF	.		.	
0520	309991 Sewer Manhole Special Item - EACH - ITEM 309009 - WATER QUALITY STRUCTURE, 4 8" DIA. (10 CFS PEAK DESIGN CAPACITY)	3.000 EACH	.		.	
0530	309991 Sewer Manhole Special Item - EACH - ITEM 309011 - WATER QUALITY STRUCTURE, 6 0" DIA. (30 CFS PEAK DESIGN CAPACITY)	9.000 EACH	.		.	
0540	309991 Sewer Manhole Special Item - EACH - ITEM 309013 - WATER QUALITY STRUCTURE, 7 2" DIA. (50 CFS PEAK DESIGN CAPACITY)	2.000 EACH	.		.	

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0550	309991 Sewer Manhole Special Item - EACH - ITEM 309015 - MODIFY EXISTING SEWER VENT MANHOLE	1.000 EACH	.		.	
0560	309991 Sewer Manhole Special Item - EACH - ITEM 311063 - CLEAN SEWER STRUCTURES	18.000 EACH	.		.	
0570	310002 Standard Basin	1.000 EACH	.		.	
0580	310004 Standard Double Basin	42.000 EACH	.		.	
0590	310006 Standard Triple Basin	2.000 EACH	.		.	
0600	310008 Basin Connect PCC Pipe, Class III, 15 Inch	1250.000 LF	.		.	
0610	310018 Double Type S Basin	22.000 EACH	.		.	
0620	311002 Adjust Sewer-Water-Utility Manhole Frame	63.000 EACH	.		.	
0630	311004 Reset Sewer-Water-Utility Manhole Frame	10.000 EACH	.		.	
0640	311020 Manhole Adapter Ring	50.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0650	313002 Abandon Basin Connecting Pipe	41.000 EACH	.		.	
0660	313004 Abandon Sewer Manhole	21.000 EACH	.		.	
0670	313006 Abandon Basin	4.000 EACH	.		.	
0680	314004 PCC Pipe, Class III, Gasket, 15 Inch	2235.000 LF	.		.	
0690	314006 PCC Pipe, Class III, Gasket, 18 Inch	13.000 LF	.		.	
0700	314008 PCC Pipe, Class III, Gasket, 21 Inch	20.000 LF	.		.	
0710	314991 Sewer Pipe Special Item - LF - ITEM 311065 - CLEAN PCC PIPE	750.000 LF	.		.	
0720	315002 Pipe Sewer TV Inspection - LS -	LUMP	LUMP		.	
0730	323002 PCC Collar for Sewers	1.000 CY	.		.	
0740	324002 PCC In-Line Thrust Block	4.000 EACH	.		.	
0750	402002 Superpave Base Course, 19 mm	7300.000 TON	.		.	

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PROJECT(S): BH-1302(033) NH-1302(034)(035)

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0760	402004 Superpave Base Course, 25 mm	15000.000 TON	.		.	
0770	402012 Sperrpave Surface Course, 12.5 mm	4600.000 TON	.		.	
0780	403002 Tack Coat	47600.000 SY	.		.	
0790	407002 Temporary AC, Superpave Surface Course, 12.5 mm	1000.000 TON	.		.	
0800	501022 Additional Standard Portland Cement	100.000 BAGS	.		.	
0810	504006 PCC Driveway-Alley Entrance, 7 Inch	280.000 SY	.		.	
0820	506004 Repair PCC Base	30.000 CY	.		.	
0830	600013 Incidental Construction Special Item - SF - ITEM 611055 - SOIL AMENDMENT AND ROTOTILLING	193800.000 SF	.		.	
0840	602012 Special PCC Coping SEE CONTRACT SPECS AND PLANS	1.000 CY	.		.	
0850	602991 Minor Structures Special Item - CY - ITEM 602005 - PCC CUT OFF WALL	6.000 CY	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0860	605002 W Beam Guiderail	2600.000				
		LF	.		.	
0870	605010 Thrie Beam Guiderail	100.000				
		LF	.		.	
0880	605014 Guiderail Tie Anchor	2.000				
		EACH	.		.	
0890	605026 Thrie Beam Terminal Connector SEE CONTRACT SPECS AND PLANS	4.000				
		EACH	.		.	
0900	605028 Thrie Beam Transition Panel SEE CONTRACT SPECS	4.000				
		EACH	.		.	
0910	605030 Rub Rail	50.000				
		LF	.		.	
0920	605042 Extra Guiderail Components	150.000				
		LBS	.		.	
0930	605991 Steel Guiderails Special Item - EACH ITEM 605021 - FLARED ENERGY ABSORBING TERMINAL	6.000				
		EACH	.		.	
0940	606002 Pavement Profiling (Milling)	5680.000				
		SY	.		.	
0950	607060 Snow Fence TREE PROTECTION FENCE	400.000				
		LF	.		.	

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0960	607991 Misc. Fencing Special Item - LF - ITEM 607005 - TEMPORARY FENCE	9000.000 LF	.		.	
0970	608004 PCC Sidewalk, 4 Inch	3400.000 SY	.		.	
0980	608024 Brick Sidewalk on PCC Base	1760.000 SY	.		.	
0990	609008 PCC Curb and Gutter, 15 to 18 Inch Depth	650.000 LF	.		.	
1000	609024 PCC Mountable Curb and Gutter, 10 to 13 Inch Depth	3700.000 LF	.		.	
1010	609026 PCC Circular Mountable Curb and Gutter, 10 to 13 Inch Depth	15.000 LF	.		.	
1020	609036 PCC Gutter	250.000 CY	.		.	
1030	609068 Furnish and Set 8"x12" Granite Straight Curb	8500.000 LF	.		.	
1040	609070 Furnish and Set 8"x12" Granite Circular Curb, Radius Under 10 Ft.	275.000 LF	.		.	
1050	609072 Furnish and Set 8"x12" Granite Circular Curb, Radius 10-100 Ft.	1100.000 LF	.		.	

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1060	609200 PCC Wheelchair/Bicycle Ramp - New Construction	31.000 EACH	.		.	
1070	609993 Curb, Gutter, & Paved Flume Special Item - LF - ITEM 609077 - FURNISH AND SET 8" X7 1/2" GRANITE CURB	100.000 LF	.		.	
1080	610004 Seed with 4 Inch Topsoil	2504.000 SY	.		.	
1090	610018 Sod with 3 Inch Topsoil	8333.000 SY	.		.	
1100	610054 Topsoil	2778.000 CY	.		.	
1110	610056 Spread Stockpiled Topsoil	1428.000 CY	.		.	
1120	610058 Planting Soil Mix	775.000 CY	.		.	
1130	611076 Steel Edging	1680.000 LF	.		.	
1140	611328 Berberis thunbergi atropurpurea (Redleaf Japanese Barberry) 1 - 1 1/2 Ft. Ht., B&B	204.000 EACH	.		.	
1150	611352 Cercis canadensis (Eastern Redbud) 8 - 10 Ft. Ht., B&B	7.000 EACH	.		.	

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1160	611375 Cornus kousa (Kousa Dogwood) 6 - 8 Ft. Ht., B&B	3.000 EACH	.		.	
1170	611388 Cornus stolonifera flaviramea (Yellowtwig Redosier Dogwood) 2 - 3 Ft. Ht., B&B	9.000 EACH	.		.	
1180	611403 Cotoneaster salicifolia 'Scarlet Leader' (Scarlet Leader Cot oneaster) 18 - 21 Inch Spread, B&B	1397.000 EACH	.		.	
1190	611426 Euonymus alatus (Winged Euonymus) 3 - 4 Ft. Ht., B&B	26.000 EACH	.		.	
1200	611429 Euonymus alatus compactus (Dwarf Winged Euonymus) 2 - 2 1/2 Ft. Ht., B&B	179.000 EACH	.		.	
1210	611436 Euonymus fortunei coloratus (Purpleleaf Wintercreeper Euonym us) 12 - 15 Inch Spread, 2 Yr., 3 Inch Pot	2249.000 EACH	.		.	
1220	611494 Hypericum calycinum (Aaronsbeard St. Johnswort) 12 - 15 Inch Spread, B&B	619.000 EACH	.		.	
1230	611536 Ilex opaca (American Holly) 6 - 8 Ft. Ht., B&B	3.000 EACH	.		.	
1240	611546 Ilex verticillata (Winterberry) 2 - 3 Ft. Ht., B&B	159.000 EACH	.		.	

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1250	611564 Juniperus chinensis sargentii (Sargent Juniper) 18 - 24 Inch Spread, B&B	126.000 EACH	.		.	
1260	611568 Juniperus horizontalis 'Bar Harbor' (Bar Harbor Creeping Juniper) 15 - 18 Inch Spread, B&B	2576.000 EACH	.		.	
1270	611606 Lagerstroemia indica rubra (Common Red Crapemyrtle) 8 - 10 Ft. Ht., B&B	13.000 EACH	.		.	
1280	611734 Pinus nigra (Austrian Pine) 6 - 8 Ft. Ht., B&B	1.000 EACH	.		.	
1290	611778 Platanus acerifolia Bloodgood (Bloodgood Sycamore) 3 - 3 1/2 Inch Cal., B&B	25.000 EACH	.		.	
1300	611796 Prunus yedoensis (Yoshino Cherry) 8 - 10 Ft. Ht., B&B	6.000 EACH	.		.	
1310	611851 Quercus phellos (Willow Oak) 2 - 2 1/2 Inch Cal., B&B	3.000 EACH	.		.	
1320	611995 Zelkova serrata (Japanese Zelkova) 2 - 2 1/2 Inch Cal., B&B	4.000 EACH	.		.	
1330	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - COREOPSIS AURICULATA "NANA", 18" SPREAD #3 CONT.	85.000 EACH	.		.	

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1340	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - DESHAMPSIA CESPITOSA 1 GAL. CONT.	463.000 EACH				
1350	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - LIRIOPE MUSCARI, 8" HGT, #3 CONT.	1339.000 EACH				
1360	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - PANICUM VIRGATUM SHENANDOAH, 1 GAL. CONT.	140.000 EACH				
1370	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - PENNISETUM ALOPECUROIDES, 12"-15" HGT. # 1 CONT.	621.000 EACH				
1380	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - PHALARIS ARUNDINACEA "PICTA" 1 GAL. CONT.	1032.000 EACH				
1390	612002 Mobilization	LUMP	LUMP			
1400	614012 Portable Precast PCC Barrier	7300.000 LF				
1410	614992 PCC Traffic Barriers Special Item - LF - ITEM 614003 - STONE FACE PCC BARRIER	3500.000 LF				

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1420	614992 PCC Traffic Barriers Special Item - LF - ITEM 614005 - F SHAPE PCC BARRIER	1200.000 LF	.		.	
1430	614992 PCC Traffic Barriers Special Item - LF - ITEM 614013 - PORTABLE PRECAST PCC BARRI ER (PERMANENT CONSTRUCTION)	1600.000 LF	.		.	
1440	614992 PCC Traffic Barriers Special Item - LF - ITEM 703027 - STONE FACE PCC BARRIER ON BRIDGES & APPROACHES	1184.000 LF	.		.	
1450	614992 PCC Traffic Barriers Special Item - LF - ITEM 703031 - F SHAPE PCC BARRIER ON BRI DGES & APPROACHES	339.000 LF	.		.	
1460	616004 Construction Lane Closing	LUMP	LUMP		.	
1470	616006 Remove Lane Markings	3000.000 SF	.		.	
1480	616008 Temporary Construction Sign Supports	55.000 EACH	.		.	
1490	616010 Portable Traffic Signal Bases	3.000 EACH	.		.	
1500	616012 Construction Warning and Detour Signs	1100.000 SF	.		.	

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1510	616014 Reflectorized Traffic Cones	100.000 EACH	.		.	
1520	616016 Flashing Amber Warning Lights, Type "B"	50.000 EACH	.		.	
1530	616020 Sequential Arrow Boards	2.000 EACH	.		.	
1540	616022 Construction Sign Warning Flags	36.000 EACH	.		.	
1550	616024 Type III PVC Barricade	18.000 EACH	.		.	
1560	616028 Traffic Drums	100.000 EACH	.		.	
1570	616030 Single-Faced White Raised Reflective Pavement Markers	240.000 EACH	.		.	
1580	616032 Single-Faced Yellow Raised Reflective Pavement Markers	140.000 EACH	.		.	
1590	616040 Thermoplastic Pavement Marking, 4 Inch	2600.000 LF	.		.	
1600	616042 Thermoplastic Pavement Marking, 4 Inch Dash	2700.000 LF	.		.	
1610	616044 Thermoplastic Pavement Marking, 6 Inch	7700.000 LF	.		.	

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CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1620	616046 Thermoplastic Pavement Marking, 6 Inch Dash	2600.000 LF	.		.	
1630	616048 Thermoplastic Pavement Marking, 8 Inch	2200.000 LF	.		.	
1640	616050 Thermoplastic Pavement Marking, 12 Inch	450.000 LF	.		.	
1650	616052 Thermoplastic Pavement Letter	16.000 EACH	.		.	
1660	616054 Thermoplastic Pavement Arrow	27.000 EACH	.		.	
1670	616080 Truck Mounted Attenuator	2.000 EACH	.		.	
1680	616090 Construction Zone Attenuator	14.000 EACH	.		.	
1690	616110 PORTABLE CHANGABLE MESSAGE SIGN	2.000 EACH	.		.	
1700	616122 Steel Protection Plate	20.000 EACH	.		.	
1710	616150 Repair of Damaged Major Traffic Control Devices DEVICES	LUMP	LUMP		.	

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			DOLLARS	CTS	DOLLARS	CTS
1720	616991 Traffic Control Special Item - LS - ITEM 616011 - MOVABLE CONCRETE BARRIER R EVERSIBLE LANE OPERATION	LUMP	LUMP			.
1730	616994 Traffic Control Special Item - LF - ITEM 616009 - MOVABLE CONCRETE BARRIER SYSTEM	2430.000 LF		.		.
1740	616994 Traffic Control Special Item - LF - ITEM 616051 - THERMOPLASTIC PAVEMENT MAR KING, 24 INCH	2400.000 LF		.		.
1750	616994 Traffic Control Special Item - LF - ITEM 616055 - PREFORMED PAVEMENT MARKING , WHITE 4 INCH DASH	30.000 LF		.		.
1760	616994 Traffic Control Special Item - LF - ITEM 616057 - PREFORMED PAVEMENT MARKING , WHITE 6 INCH DASH	400.000 LF		.		.
1770	616994 Traffic Control Special Item - LF - ITEM 616059 - PREFORMED PAVEMENT MARKING , WHITE 6 INCH	765.000 LF		.		.
1780	616994 Traffic Control Special Item - LF - ITEM 616061 - PREFORMED PAVEMENT MARKING , YELLOW 6 INCH	765.000 LF		.		.

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			DOLLARS	CTS	DOLLARS	CTS
1790	616994 Traffic Control Special Item - LF - ITEM 616063 - REMOVABLE PREFORMED PAVEMENT MARKING, 4 INCH	75000.000 LF	.		.	
1800	617002 Furnish And Install Inductive Loop Detector	2441.000 LF	.		.	
1810	617006 Remove Abandoned Traffic Signal Or Street Light Pole Foundation	703.000 EACH	.		.	
1820	617008 Furnish And Install Pcc Foundation For Traffic Signal Pole Or Pendant Post Street Light Pole	1687.000 EACH	.		.	
1830	617010 Furnish And Install 3 Foot By 3 Foot Electrical Manhole	3198.000 EACH	.		.	
1840	617012 Furnish And Install 4 Foot By 4 Foot Electrical Manhole	5631.000 EACH	.		.	
1850	617014 Furnish And Install One 2 Inch Pvc Encased Electrical Conduit	124.000 LF	.		.	
1860	617016 Furnish And Install One 4 Inch Pvc Encased Electrical Conduit	125.000 LF	.		.	
1870	617018 Furnish And Install No. 10 Awg Stranded Wire	1.100 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1880	617020 Furnish And Install No. 8 Awg Stranded Wire	1.200 LF	.		.	
1890	617022 Furnish And Install No. 6 Awg Stranded Wire	1.300 LF	.		.	
1900	617024 Furnish And Install Galvanized Steel Transformer Base	558.000 EACH	.		.	
1910	617026 Furnish And Install 28 Foot 6 Inch Tall Pendant Post Street Light Pole	2007.000 EACH	.		.	
1920	617028 Furnish And Install Handbox	822.000 EACH	.		.	
1930	617030 Furnish And Install One 2 Inch And Two 4 Inch Pvc Encased El ectrical Conduits	136.000 LF	.		.	
1940	617032 Furnish And Install One 2 Inch And One 4 Inch Pvc Encased El ectrical Conduits	133.000 LF	.		.	
1950	617034 Furnish And Install Four 4 Inch Pvc Encased Electrical Condu its	151.000 LF	.		.	
1960	617036 Furnish And Install Six 4 Inch Pvc Encased Electrical Condui ts	171.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1970	617038 Furnish And Install Pcc Foundation For Controller Cabinet	773.000 EACH	.		.	
1980	617046 Furnish And Install 20 Foot Tall Steel Traffic Signal Pole	1336.000 EACH	.		.	
1990	617048 Furnish And Install 8 Foot Long Mast Arm With Clamp And Remo veable End Cap	811.000 EACH	.		.	
2000	617050 Furnish And Install 7 Conductor 14 Awg Stranded Electrical T raffic Signal Cable	1.600 LF	.		.	
2010	617052 Furnish And Install 4 Conductor 18 Awg Shielded, Stranded El ectrical Traffic Signal Cable	1.600 LF	.		.	
2020	617054 Furnish And Install 12 Pair 19 Awg Underground Communication s Cable	2.500 LF	.		.	
2030	617056 Furnish And Install 12 Pair 19 Awg Overhead Communications C able	8.000 LF	.		.	
2040	617068 Furnish Red Ball Led Module	63.000 EACH	.		.	
2050	617070 Furnish Yellow Ball Led Module	73.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2060	617072 Furnish Green Ball Led Module	121.000 EACH	.		.	
2070	617076 Furnish Yellow Arrow Led Module	61.000 EACH	.		.	
2080	617078 Furnish Green Arrow Led Module	83.000 EACH	.		.	
2090	617084 Furnish 12 Inch Overlay Lunar White Walking Person And Portl and Orange Raised Hand Led Module	132.000 EACH	.		.	
2100	617086 Furnish 12 Inch Portland Orange Countdown Led Module	187.000 EACH	.		.	
2110	617090 Furnish And Install 3 Section Conventional Traffic Signal He ad On A Pole (All Lenses 12?)	329.000 EACH	.		.	
2120	617094 Furnish And Install 5 Section Conventional Traffic Signal He ad On A Pole (All Lenses 12?)	471.000 EACH	.		.	
2130	617096 Furnish And Install 3 Section Conventional Traffic Signal He ad On A Mast Arm (All Lenses 12?)	476.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2140	617114 Furnish And Install 2 Section Conventional Pedestrian Signal Head On A Pole (12?)	EACH 393.000	.		.	
2150	617118 Furnish And Install Pedestrian Push Button	EACH 134.000	.		.	
2160	617120 Furnish And Install Microwave Vehicle Detector	EACH 1110.000	.		.	
2170	617124 Furnish And Install Traffic Signal Controller And Cabinet	EACH 11252.000	.		.	
2180	617126 Remove Abandoned Traffic Signal Controller Cabinet Foundatio n	EACH 422.000	.		.	
2190	617130 REMOVE TRAFFIC SIGNAL POLE AND TRAFFIC SIGNAL EQUIPMENT	EACH 1405.000	.		.	
2200	617132 Remove Traffic Signal Controller And Cabinet	EACH 281.000	.		.	
2210	617164 Traffic Sign Panels	SF 34.000	.		.	
2220	618022 Furnish and Install 48" x 48" x 48" Manhole	EACH 33.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2230	618148 Furnish and Install 6-4" Schedule 40 Rigid PVC Conduits (duct bank)	10200.000 LF	.		.	
2240	618160 Furnish and Install 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	800.000 LF	.		.	
2250	618190 Furnish and Install #10 Stranded Wire	60000.000 LF	.		.	
2260	618196 Furnish and Install #8 Stranded Wire	30000.000 LF	.		.	
2270	618220 Furnish and Install #2 Stranded Wire	12500.000 LF	.		.	
2280	618250 Furnish and Install #0000 Stranded Wire	48000.000 LF	.		.	
2290	618404 Remove Non-Standard Street Light Pole Foundation	37.000 EACH	.		.	
2300	618566 Remove Pendant Pole 30 ft. Height or Less	37.000 EACH	.		.	
2310	618991 ELECTRICAL WORK SPECIAL ITEM -LS- ART LIGHTING AND COMPLETE SYSTEM	LUMP	LUMP		.	
2320	618991 ELECTRICAL WORK SPECIAL ITEM -LS- ITEM 328039 - ELECTRICAL SERVICE	LUMP	LUMP		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2330	618991 ELECTRICAL WORK SPECIAL ITEM -LS- ITEM 618003 - TEMPORARY LIGHTING	LUMP	LUMP			.
2340	618991 ELECTRICAL WORK SPECIAL ITEM -LS- ITEM 618335 - REMOVAL OF 6.6A HV SERIES CIRCUIT LIGHTING SYSTEM CABLES	LUMP	LUMP			.
2350	618991 ELECTRICAL WORK SPECIAL ITEM -LS- ITEM 618825 - SIGN LIGHTING AND COMPLETE SYSTEM	LUMP	LUMP			.
2360	618991 ELECTRICAL WORK SPECIAL ITEM -LS- ITEM 618899 - DESIGN - BUILD SERIES CIRC UIT REPLACEMENT	LUMP	LUMP			.
2370	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- 618749 - STEEL POLE AND LIGHT FIXTURE AS SEMBLY WITH 1-150 W T DROP LUM	EACH 2.000				.
2380	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- 618751 - ALUM POLE AND LIGHT FIXTURE ASS EMBLY WITH 1-150 W T DROP LUM	EACH 36.000				.
2390	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- 618761 - ALUM POLE & LIGHT FIXT ASSEMBLY WITH 2-250 W TDROP LUM	EACH 18.000				.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2400	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- 618763 - ALUM POLE & LIGHT FIXTURE ASSEM BLY WITH 1-250 W TDROP LUM	EACH 2.000	.		.	
2410	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- 618765 - STEEL POLE AND LIGHT FIXTURE AS SEMBLY WITH 2-250 W TDROP LUM	EACH 1.000	.		.	
2420	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- ITEM 618021 - ABANDON EXISTING MANHOLE	EACH 21.000	.		.	
2430	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- ITEM 618753 - UNDERPASS LIGHT FIXTURE	EACH 8.000	.		.	
2440	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- ITEM 618755 - LIGHT POLE FOUNDATION	EACH 59.000	.		.	
2450	618993 ELECTRICAL WORK SPECIAL ITEM -LF- 618165- F AND INSTAL 1-2" SCHD 40 RIGID PVC CONDUIT (DUCT BANK)- S. LIGHT	LF 12900.000	.		.	
2460	618993 ELECTRICAL WORK SPECIAL ITEM -LF- ITEM 618167 - 2" PVC SCHED. 40 RIGID CON DUIT (DUCT BANK)-ART LIGHT	LF 1200.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2470	618999 Payment to PEPCO for Connection, 35000.00	LUMP	LUMP			
	Disconnection, Inspection SERVICE CONNECTION FOR IRRIGATION POWER, STREETLIGHT & TRAFFIC SIGNAL					
2480	620002 Timber Ground Mounted Sign Posts, 4x4 Inch	115.000 LF		.		.
2490	620004 Timber Ground Mounted Sign Posts, 4x6 Inch	430.000 LF		.		.
2500	620006 Timber Ground Mounted Sign Posts, 6x6 Inch	72.000 LF		.		.
2510	620012 Guide Sign Panels	1580.000 SF		.		.
2520	620014 Traffic Sign Panels	428.000 SF		.		.
2530	620040 Federal Aid Project Sign	2.000 EACH		.		.
2540	620991 Traffic Signing Special Item - LF - ITEM 620009 - METAL SIGN POSTS	612.000 LF		.		.
2550	624002 Engineer's Field Facilities	LUMP	LUMP			.
2560	625002 Field Layout	LUMP	LUMP			.

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			DOLLARS	CTS	DOLLARS	CTS
2570	626002 Protection Shield	LUMP	LUMP			.
2580	627008 6-Bay Quad Guard Impact Attenuator [24 Inch Wide]	2.000 EACH		.		.
2590	628002 Erosion and Sediment Control	LUMP	LUMP			.
2600	700004 Structures Construction Special Item - EACH - ITEM 706027 - ELASTOMERIC BEARING - PLAIN	76.000 EACH		.		.
2610	700004 Structures Construction Special Item - EACH - ITEM 706029 - ELASTOMERIC BEARING - LAMINATED	14.000 EACH		.		.
2620	700005 Structures Construction Special Item - LF - ITEM 703003 - PCC DRILLED SHAFT CAISSONS - 60 INCH. DIA.	216.000 LF		.		.
2630	700005 Structures Construction Special Item - LF - ITEM 703009 - PCC MOMENT SLAB	1280.000 LF		.		.
2640	700005 Structures Construction Special Item - LF - ITEM 703027 - STONE FACE PCC BARRIER ON BRIDGES & APPROACHES	388.000 LF		.		.

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			DOLLARS	CTS	DOLLARS	CTS
2650	700005 Structures Construction Special Item - LF - ITEM 703029 - STONE FACE PCC BARRIER ON MSE WALLS	1155.000 LF				
2660	700005 Structures Construction Special Item - LF - ITEM 703033 - F SHAPE PCC BARRIER ON MSE WALLS	32.000 LF				
2670	700005 Structures Construction Special Item - LF - ITEM 716015 - REPAIR TYPE 3 - CRACK REPAIR	100.000 LF				
2680	700007 Structures Construction Special Item - LS - ITEM 719001 - ARTWORK INSTALLATION	LUMP	LUMP			
2690	700009 Structures Construction Special Item - SF - ITEM 703007 - MSE RETAINING WALL	18500.000 SF				
2700	700009 Structures Construction Special Item - SF - ITEM 708003 - STONE FACING FOR MSE WALL	13850.000 SF				
2710	700010 Structures Construction Special Item - SY - ITEM 716011 - REPAIR TYPE 1 - CONCRETE REPAIR	36.000 SY				

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			DOLLARS	CTS	DOLLARS	CTS
2720	700010 Structures Construction Special Item - SY - ITEM 716013 - REPAIR TYPE 2 - CONCRETE P ATCH REPAIR	SY 2.000	.		.	
2730	701991 Piling Special Item - LF - ITEM 701009 - STEEL PILE (HP 12 X 84)	LF 2520.000	.		.	
2740	701992 Piling Special Item - EACH - ITEM 701039 - PILE LOAD TEST - STATIC	EACH 4.000	.		.	
2750	701992 Piling Special Item - EACH - ITEM 701041 - PILE LOAD TEST - DYNAMIC	EACH 4.000	.		.	
2760	703002 PCC Footing	CY 271.000	.		.	
2770	703006 PCC Pier-Abutment-Wall	CY 568.000	.		.	
2780	703008 PCC Superstructure	CY 1162.000	.		.	
2790	703014 PCC Approach Slab	CY 649.000	.		.	
2800	704002 Reinforcing Steel	LBS 192338.000	.		.	
2810	704004 Epoxy Coated Reinforcement Bars	LBS 268141.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2820	706006 Structural Steel - AASHTO M270, Grade 50	1368647.000 LBS	.		.	
2830	706993 Structural Steel Special Item - LS - ITEM 706031 - PEPCO UTILITY SUPPORTS	LUMP	LUMP		.	
2840	706993 Structural Steel Special Item - LS - ITEM 706033 - WASHINGTON GAS UTILITY SUPPORTS	LUMP	LUMP		.	
2850	706993 Structural Steel Special Item - LS - ITEM 706035 - TELEPHONE (VERIZON) UTILIT Y SUPPORTS	LUMP	LUMP		.	
2860	706993 Structural Steel Special Item - LS - ITEM 706037 - WASA UTILITY SUPPORTS	LUMP	LUMP		.	
2870	706993 Structural Steel Special Item - LS - ITEM 706039 - PEPCO CONDUIT SUPPORTS	LUMP	LUMP		.	
2880	706993 Structural Steel Special Item - LS - ITEM 706041 - ELECTRICAL CONDUIT SUPPORTS	LUMP	LUMP		.	
2890	706993 Structural Steel Special Item - LS - ITEM 706043 - WASHINGTON GAS PIPELINE SUPPORTS	LUMP	LUMP		.	

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			DOLLARS	CTS	DOLLARS	CTS
2900	706993 Structural Steel Special Item - LS - ITEM 706045 - TELEPHONE (VERIZON) CONDUIT SUPPORTS	LUMP	LUMP			.
2910	706993 Structural Steel Special Item - LS - ITEM 706089 - TEMPORARY SUPPORT OF BEAMS/GIRDERS	LUMP	LUMP			.
2920	707010 Epoxy Protective Coating	175.000 SY		.		.
2930	708004 Stone Masonry, Class B	1052.000 CF		.		.
2940	708011 Reset Stone Masonry	108.000 CF		.		.
2950	708013 Repoint Stone Masonry	54.000 LF		.		.
2960	709004 Steel Bridge Railing STEEL	150.000 LF		.		.
2970	711002 Wall Drains and Cleanouts	LUMP	LUMP			.
2980	713002 Steel Sign Structure	LUMP	LUMP			.
	SECTION 0001 TOTAL					.
	TOTAL BID					.